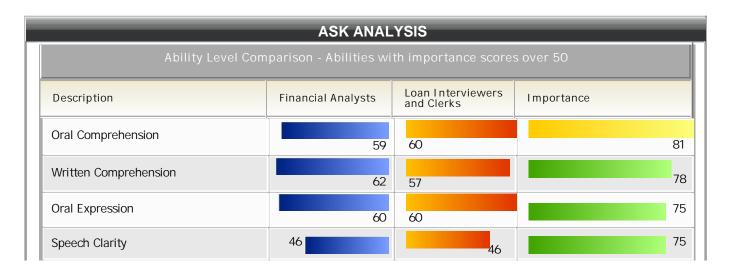
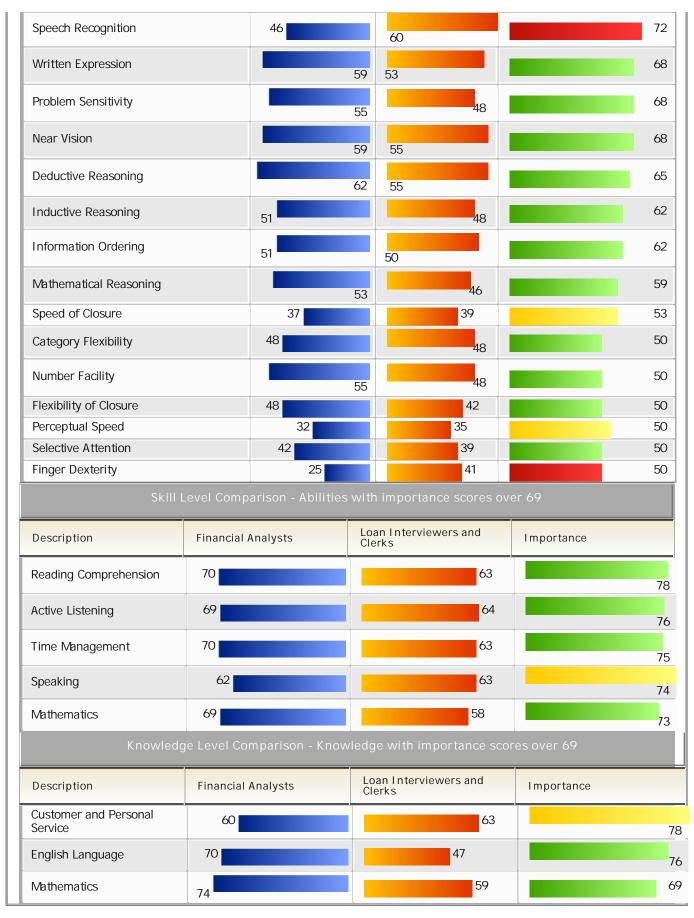
TORQ Analysis of Financial Analysts to Loan Interviewers and Clerks

INPUT SECTION:												
Transfer	Т	itle			O* NE	T	Filters	Filters				
From Title:	F	Financial Analysts			13-2	051.00	Abilities:		Importanc 50	e LeveL:	W 1	eight:
To Title:		oan Inte Ierks	erviewe	rs and	43-4	131.00	Skills:		Importance	e LeveL:	W 1	eight:
Labor Market Area:	N	Maine Statewide					Knowled	dge:	Importanc	e Level: 6	69 W	'eight:
	OUTPUT SECTION:											
Grand ⁻	TOR	Q:									-	91
Ability TORQ				Skills TORC)			Kn	owledge TO	RQ		
Level			95	Level			87	Lev	/el			89
Gaps To N	Varrow	if Possi	ble	Upgrade These Skills			Knowledge to A			to Add		
Ability	Level	Gap	Impt	Skill	Level	Gap	Impt	Kı	nowledge	Level	Gap	Impt
Speech Recognition	60	14	72	Speaking	63	1	74	ar		63	3	78
Finger Dexterity	41	16	50						ersonal ervice			, 0
Perceptual Speed	35	3	50									
Speed of Closure	39	2	53									
Oral Comprehension			81									
LEVEL and IMP	LEVEL and IMPT (IMPORTANCE) refer to the Target Loan Interviewers and Clerks. GAP refers to level difference between Financial Analysts and Loan Interviewers and Clerks.											





Experience & Education Comparison

Rela	ted Work Experience Compa	arison	Required Edu	cation Level Compa	arison
Description	Financial Analysts	Loan Interviewers and Clerks	Description	Financial Analysts	Loan Interviewers and Clerks
10+ years	16%	O%	Doctoral	O%	O%
8-10 years	1%	0%	Professional Degree	0%	0%
6-8 years	15%	0%	Post-Masters Cert	0%	0%
4-6 years	13%	0%	Master's Degree	15%	0%
2-4 years	38%	17%	Post-Bachelor Cert	0%	0%
1-2 years	1%	39%	Bachelors		3%
6-12 months	1%	22%	AA or Equiv	84% 0%	39%
3-6 months	0%	0%	Some College	0%	14%
1-3 months	0%	0%	Post-Secondary	0%	13%
0-1 month	0%	0%	Certificate	070	13/0
None	11%	18%	High Scool Diploma or GED	0%	28%
			No HSD or GED	0%	0%

Financial Analysts

Loan Interviewers and Clerks

Most Common Educational/Training Requirement:

Bachelor's degree

Short-term on-the-job training

Job Zone Comparison

4 - Job Zone Four: Considerable Preparation Needed

A minimum of two to four years of work-related skill, knowledge, or experience is needed for these occupations. For example, an accountant must complete four years of college and work for several years in accounting to be considered qualified.

Most of these occupations require a four - year bachelor's degree, but some do not.

Employees in these occupations usually need several years of work-related experience, on-the-job training, and/or vocational training.

2 - Job Zone Two: Some Preparation Needed

Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. For example, a teller might benefit from experience working directly with the public, but an inexperienced person could still learn to be a teller with little difficulty.

These occupations usually require a high school diploma and may require some vocational training or job-related course work. In some cases, an associate's or bachelor's degree could be needed.

Employees in these occupations need anywhere from a few months to one year of working with experienced employees.

Tasks

Core Tasks

Generalized Work Activities:

- Analyzing Data or Information -Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.
- · Getting Information Observing, receiving, and otherwise obtaining information from all relevant sources.
- Interacting With Computers Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
- · Processing Information Compiling, coding, categorizing, calculating,

Core Tasks

Generalized Work Activities:

- · Processing Information Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.
- Interacting With Computers Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
- Communicating with Persons Outside Organization - Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can he exchanged in nerson in writing



- tabulating, auditing, or verifying information or data.
- Communicating with Supervisors, Peers, or Subordinates - Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.

Specific Tasks

Occupation Specific Tasks:

- Analyze financial information to produce forecasts of business, industry, and economic conditions for use in making investment decisions.
- Assemble spreadsheets and draw charts and graphs used to illustrate technical reports, using computer.
- Collaborate with investment bankers to attract new corporate clients to securities firms
- Contact brokers and purchase investments for companies, according to company policy.
- Determine the prices at which securities should be syndicated and offered to the public.
- Evaluate and compare the relative quality of various securities in a given industry.
- Interpret data affecting investment programs, such as price, yield, stability, future trends in investment risks, and economic influences.
- Maintain knowledge and stay abreast of developments in the fields of industrial technology, business, finance, and economic theory.
- Monitor fundamental economic, industrial, and corporate developments through the analysis of information obtained from financial publications and services, investment banking firms, government agencies, trade publications, company sources, and personal interviews.
- Prepare plans of action for investment based on financial analyses.
- Present oral and written reports on general economic trends, individual corporations, and entire industries.
- Recommend investments and investment timing to companies, investment firm staff, or the investing public.

Detailed Tasks

Detailed Work Activities:

- advise clients on financial matters
- analyze financial data
- analyze financial information to project future revenues or expense
- · analyze market conditions
- analyze scientific research data or
 investigative findings

- or by telephone or e-mail.
- Getting Information Observing, receiving, and otherwise obtaining information from all relevant sources.
- Performing for or Working Directly with the Public - Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.

Specific Tasks

Occupation Specific Tasks:

- Accept payment on accounts.
- Answer questions and advise customers regarding loans and transactions.
- Assemble and compile documents for loan closings, such as title abstracts, insurance forms, loan forms, and tax receipts.
- Calculate, review, and correct errors on interest, principal, payment, and closing costs, using computers or calculators.
- Check value of customer collateral to be held as loan security.
- Contact credit bureaus, employers, and other sources in order to check applicants' credit and personal references.
- Contact customers by mail, telephone, or in person concerning acceptance or rejection of applications.
- Establish credit limits and grant extensions of credit on overdue accounts.
- File and maintain loan records.
- Interview loan applicants in order to obtain personal and financial data, and to assist in completing applications.
- Order property insurance or mortgage insurance policies in order to ensure protection against loss on mortgaged property.
- Prepare and type loan applications, closing documents, legal documents, letters, forms, government notices, and checks, using computers.
- Present loan and repayment schedules to customers.
- Record applications for loan and credit, loan information, and disbursements of funds, using computers.
- Review customer accounts in order to determine whether payments are made on time and that other loan terms are being followed.
- Schedule and conduct closings of mortgage transactions.
- Submit loan applications with recommendation for underwriting approval.
- Verify and examine information and accuracy of loan application and closing documents.



- analyze social or economic data
- compile data for financial reports
- compute financial data

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- conduct financial investigations
- create mathematical or statistical diagrams or charts
- evaluate degree of financial risk
- follow tax laws or regulations
- · gather relevant financial data
- identify financial risks to company
- interpret charts or tables for social or economic research
- make presentations on financial matters
- perform general financial analysis
- prepare financial reports
- use computers to enter, access and retrieve financial data
- use knowledge of economic trends
- use spreadsheet software
- · use statistical cost estimation methods

Technology - Examples

Analytical or scientific software

- Analyse-it Software
- · Decisioneering Crystal Ball
- · Genetic algorithm software
- Keypoint DataDesk
- Mathematical software
- Palisade Evolver
- Palisade StatTools
- Pattern recognition software
- SAS JMP
- The Mathworks MATLAB
- Ward Systems Group GeneHunter
- Ward Systems Group NeuralShell Predictor
- Wolfram Research Mathematica

Charting software

- Data visualization software
- Montgomery Investment Technology Utility XL
- TickQuest NeoTicker

Data base management system software

· Oracle software

Detailed Tasks

Detailed Work Activities:

- · advise clients or customers
- collect deposit or payment
- compile data for financial reports
- complete information on loan forms
- compute financial data
- · compute property equity
- compute taxes
- ensure correct grammar, punctuation, or spelling
- · evaluate customer records
- · examine documents for completeness, accuracy, or conformance to standards
- fill out business or government forms
- · gather relevant financial data
- interview customers
- · maintain account records
- maintain records, reports, or files
- obtain information from individuals
- · prepare contract documents
- prepare reports
- provide customer service
- review loan applications
- schedule meetings or appointments
- understand property documents
- use computers to enter, access or retrieve
- use interviewing procedures
- use oral or written communication techniques
- use spreadsheet software
- use word processing or desktop publishing software
- verify bank or financial transactions
- verify information for credit investigations
- write business correspondence

Technology - Examples



• FinEng Solutions Quantis

• Fractal pattern analysis software

· Genetic algorithm optimization software

• Harland Financial Solutions DecisionPro

TORQ Analysis Page 6 of 12. Copyright 2009. Workforce Associates, Inc.



- Leading Market Technologies EXPO
- Longview Consolidation
- Longview Solutions Khalix
- Market forecast software
- MergerStat Control Premiums
- MergerStat Price to Earnings Ratios
- Mid-Market Comps software
- MoneySoft Corporate Valuation
- Monte carlo simulation software
- Montgomery Investment Technology Bonds XL
- Montgomery Investment Technology Exotics XL
- Montgomery Investment Technology FinTools
- Montgomery Investment Technology Options XL
- Montgomery Investment Technology QuoteTools
- Montgomery Investment Technology Risk XL
- Montgomery Investment Technology SigTools
- Moss Adams Profit Mentor
- Mutual fund analysis software
- NeuroSolutions Trading Solutions
- OptionVue Options Analysis
- Palisade Bond @ nalyst
- Peer-to-Peer Financial Analysis
- Pi Blue OptWorks Excel
- Portfolio management software
- Pricing software
- Quantifying marketability discount QMD modeling software
- RiskMetrics Group WealthBench
- Securities analysis software
- Spreadware Business Financial Analysis

- Spreadware Business Valuator
- Spreadware Pro Forma
- Steele Mutual Fund and Variable Annuity Expert
- SunGard BancWare
- SunGard Kiodex Risk Workbench
- TechHackers Convertible Bond @ nalyst
- TechHackers Credit @ nalyst
- TechHackers Exotic @ nalyst
- TechHackers Financial @ nalyst
- TechHackers IRO @ nalyst
- TechHackers MBS @ nalyst
- TechHackers Swap @ nalyst
- Tetrahex Fractal Finance
- Tips Standard Securities Calculation Bond Analytics Module
- Tips Standard Securities Calculation Mortgage-Backed Analytics Module
- Trendsetter Software ProAnalyst
- Unlimited Learning Resources Valusource Pro
- ValuSource BIZCOMPS
- Whitebirch Software Projected Financials
- Wolfram Research Derivatives
- Wolfram Research Mathematica Finance Essentials
- Wolfram Research Mathematica UnRisk Pricing **Engine**

Information retrieval or search software

- dailyVest Investment Personalization Platform
- TradeTools Financial Market Databases
- TradeTools Monthly U.S. Economic Database
- Ward Systems Group NeuroShell Trader

Presentation software

- DealMaven PresLink for PowerPoint and Word
- Microsoft PowerPoint

Spreadsheet software

• Apple AppleWorks



 Corel 	QuattroPro

• IBM Lotus 1-2-3

- Microsoft Excel
- Spreadsheet software

Word processing software

- Microsoft Word
- Report generation software

Tools - Examples

- 10-key calculators
- Desktop computers
- Notebook computers
- Personal computers
- Personal digital assistants PDA
- Tablet computers

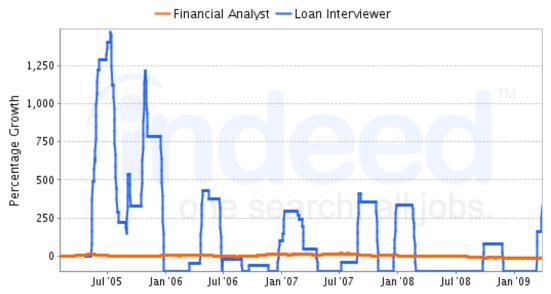
Labor Market Comparison								
Description	Financial Analysts	Loan Interviewers and Clerks	Difference					
Median Wage	\$ 71,380	\$ 28,060	\$(43,320)					
10th Percentile Wage	\$ 42,650	\$ 20,870	\$(21,780)					
25th Percentile Wage	N/A	N/A	N/A					
75th Percentile Wage	\$ 86, 220	\$ 34,050	\$(52,170)					
90th Percentile Wage	\$107,560	\$ 39,950	\$(67,610)					
Mean Wage	\$ 73,130	\$ 29,150	\$(43,980)					
Total Employment - 2007	210	770	560					
Employment Base - 2006	243	830	587					
Projected Employment - 2016	268	757	489					
Projected Job Growth - 2006-2016	10.3 %	-8.8 %	-19.1 %					
Projected Annual Openings - 2006-2016	4	14	10					

National Job Posting Trends

Trend for Financial Analysts

Trend for Loan Interviewers and Clerks

Job Trends from Indeed.com



Data from Indeed

Recommended Programs

Banking and Financial Support Services

Banking and Financial Support Services. A program that prepares individuals to perform a wide variety of customer services in banks, insurance agencies, savings and loan companies, and related enterprises. Includes instruction in communications and public relations skills, business equipment operation, and technical skills applicable to the methods and operations of specific financial or insurance services.

Institution	Address	City	URL
Eastern Maine Community College	354 Hogan Rd	Bangor	www.emcc.edu
Saint Josephs College	278 Whites Bridge Rd	Standish	www.sjcme.edu
			`

	Maine Statewide Promotion Opportunities for Financial Analysts											
O* NET Code	Title	Grand TORQ	Job Zone	Employment	Median Wage	Difference	Growth	Annual Job Openings				
13-2051.00	Financial Analysts	100	4	210	\$71,380.00	\$0.00	10%	4				
13-2052.00	Personal Financial Advisors	92	3	360	\$94,100.00	\$22,720.00	10%	13				
25-1063.00	Economics Teachers, Postsecondary	86	5	80	\$73,830.00	\$2,450.00	11%	2				
23-1011.00	Lawyers	84	5	1,910	\$80,120.00	\$8,740.00	6%	73				
11-2022.00	Sales Managers	80	4	1,310	\$72,720.00	\$1,340.00	3%	32				



11-3021.00	Computer and Information Systems Managers	79	5	870	\$83,130.00	\$11,750.00	8%	21
11-2021.00	Marketing Managers	79	4	570	\$74,560.00	\$3,180.00	7%	17
23-1023.00	Judges, Magistrate Judges, and Magistrates	78	5	80	\$115,160.00	\$43,780.00	1%	2
11-1021.00	General and Operations Managers	78	4	8,490	\$77,050.00	\$5,670.00	-5%	209
11-1011.00	Chief Executives	77	5	750	\$102,290.00	\$30,910.00	-6%	25
11-3061.00	Purchasing Managers	76	4	330	\$72,560.00	\$1,180.00	2%	11
29-1051.00	Pharmacists	75	5	1,190	\$112,550.00	\$41,170.00	22%	46
11-9121.00	Natural Sciences Managers	74	5	180	\$79,810.00	\$8,430.00	8%	5
25-1061.00	Anthropology and Archeology Teachers, Postsecondary	72	5	50	\$74,360.00	\$2,980.00	8%	1
15-1032.00	Computer Software Engineers, Systems Software	71	4	290	\$73,410.00	\$2,030.00	11%	8

Top Industrie	s for Loan	Interviewe	ers and Clerk	(S	
Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Other nondepository credit intermediation, including real estate credit and consumer lending	522290	31.57%	80,818	83,797	3.69%
Depository credit intermediation	522100	31.44%	80, 504	70,966	-11.85%
Activities related to credit intermediation	522300	14.34%	36,712	41,100	11.95%
Direct insurance (except life, health, and medical) carriers	524120	3.23%	8,276	7,479	-9.63%
Management of companies and enterprises	551100	2.81%	7,202	7,179	-0.33%
Legal services	541100	2.79%	7,132	6,773	-5.03%
Self-employed workers, primary job	000601	2.09%	5, 351	4,929	-7.89%
Activities related to real estate	531300	1.41%	3,603	3,970	10.18%
Offices of real estate agents and brokers	531200	1.06%	2,723	2,868	5. 32%
Securities and commodity contracts, brokerages, and exchanges	5231-2	0.82%	2,097	2,706	29.02%
Other financial investment activities	523900	0.70%	1,801	2,194	21.85%

Employment services	561300	0.66%	1,688	1,847	9.43%
Colleges, universities, and professional schools, public and private	611300	0.38%	979	947	-3.27%
Self-employed workers, secondary job	000602	0.38%	963	829	-13.93%
Residential building construction	236100	0.26%	678	660	-2.64%

Top Indu	stries for	Financial .	Analysts		
Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Other financial investment activities	523900	12.23%	26,970	43,500	61.29%
Management of companies and enterprises	551100	10.11%	22,307	28, 287	26.81%
Securities and commodity contracts, brokerages, and exchanges	5231-2	9.55%	21,064	37,617	78.59%
Self-employed workers, primary job	000601	7.82%	17,254	22,058	27.84%
Depository credit intermediation	522100	7.68%	16,950	19,010	12.15%
Accounting, tax preparation, bookkeeping, and payroll services	541200	3.87%	8,546	11,149	30.46%
Management, scientific, and technical consulting services	541600	3.32%	7,315	14,366	96.38%
Computer systems design and related services	541500	2.05%	4,532	6,731	48.52%
Direct insurance (except life, health, and medical) carriers	524120	1.99%	4, 386	5,043	14.98%
Other nondepository credit intermediation, including real estate credit and consumer lending	522290	1.77%	3,914	4, 225	7.93%
General medical and surgical hospitals, public and private	622100	1.53%	3,376	4,112	21.78%
Colleges, universities, and professional schools, public and private	611300	1.44%	3,184	3,918	23.06%
Computer and peripheral equipment manufacturing	334100	1.29%	2,837	2,043	-28.00%
State government, excluding education and hospitals	929200	1.25%	2,755	2,974	7.94%
Other investment pools and funds	525900	1.20%	2,638	4,074	54.45%